

Message

From: Hines, Ronald [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=464F333922CC4AA68DB2A1677122AB58-HINES, RONALD]
Sent: 7/11/2019 7:47:28 PM
To: Schlosser, Paul [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=121cf759d94e4f08afde0ceb646e711b-Schlosser, Paul]; El-Masri, Hisham [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9234b4abf56f43cebdcd249b8274b36d-El-Masri, Hisham]; Esteban, Emilio [emilio.esteban@usda.gov]; Hoff, Dale [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7869a2d513614599a4b29144c3442d24-Hoff, Dale]; Kapraun, Dustin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3a53c151b92a472fbfb295ed5df982a7-Kapraun, Du]; Kraft, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4a94a4f199b247778abb02285a51b927-Kraft, Andrew]; LaLone, Carlie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e8ef170ef62c4180806e38418908f605-LaLone, Carlie]; Lau, Chris [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dd4494e8927a4d78a5d2b9b20c618d4e-Lau, Chris]; Linda Abbott [linda.abbott@usda.gov]; Mills, Marc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=19bfc56d07db477c816c9ebce95be331-Mills, Marc]; Morgan, Marsha [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dd3afb12720d42e0874d371eb51775ad-Morgan, Marsha]; Nichols, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=95ff268ad8554f0db7d60f84582dd6a4-Nichols, John]; Sara Lupton [sara.lupton@ars.usda.gov]; Smith, David J. [david.j.smith@ars.usda.gov]; Wetmore, Barbara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c4254231430480db6d8dc22301ef45c-Wetmore, Ba]
Subject: RE: USDA-EPA Collaboration
Attachments: 196200282.pdf

Paul and others,

John Nichols was able to identify the attached paper which is on a PBPK model for PFAS uptake by cattle through feed and elimination through milk.

Ron

From: Schlosser, Paul
Sent: Thursday, July 11, 2019 3:34 PM
To: Hines, Ronald <Hines.Ronald@epa.gov>; El-Masri, Hisham <El-Masri.Hisham@epa.gov>; Esteban, Emilio <emilio.esteban@usda.gov>; Hoff, Dale <Hoff.Dale@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Kraft, Andrew <Kraft.Andrew@epa.gov>; LaLone, Carlie <lalone.carlie@epa.gov>; Lau, Chris <Lau.Christopher@epa.gov>; Linda Abbott <linda.abbott@usda.gov>; Mills, Marc <mills.marc@epa.gov>; Morgan, Marsha <morgan.marsha@epa.gov>; Nichols, John <Nichols.John@epa.gov>; Sara Lupton <sara.lupton@ars.usda.gov>; Smith, David J. <david.j.smith@ars.usda.gov>; Wetmore, Barbara <wetmore.barbara@epa.gov>
Subject: RE: USDA-EPA Collaboration

Greetings, all,

One of the earlier emails said that a heard of cattle had been destroyed because of PFAS contamination. I presume this was out of concern for the human exposure that would have occurred, had they been processed into meat for human consumption. So in risk assessment/management, exposure through both food and drinking water contamination would need to be evaluated, relative source contribution.

From NCEA's perspective, we will make use of existing PBPK or BBDR models and often make modest revisions/corrections, but we are not a 'research' center, so usually avoid significant new model development or revision. We are seeking to obtain the code/files for the recently published Kim et al. PBPK models for rats and humans, and in the meantime attempting to reproduce them based on the published description and results. But we don't have any plans to develop a BBDR, just use the PK data, possibly the models, for animal-human extrapolation.

-Paul

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**From:** Hines, Ronald

**Sent:** Thursday, July 11, 2019 2:27 PM

**To:** El-Masri, Hisham <[El-Masri.Hisham@epa.gov](mailto:El-Masri.Hisham@epa.gov)>; Esteban, Emilio <[emilio.esteban@usda.gov](mailto:emilio.esteban@usda.gov)>; Hoff, Dale <[Hoff.Dale@epa.gov](mailto:Hoff.Dale@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Kraft, Andrew <[Kraft.Andrew@epa.gov](mailto:Kraft.Andrew@epa.gov)>; LaLone, Carlie <[lalone.carlie@epa.gov](mailto:lalone.carlie@epa.gov)>; Lau, Chris <[Lau.Christopher@epa.gov](mailto:Lau.Christopher@epa.gov)>; Linda Abbott <[linda.abbott@usda.gov](mailto:linda.abbott@usda.gov)>; Mills, Marc <[mills.marc@epa.gov](mailto:mills.marc@epa.gov)>; Morgan, Marsha <[morgan.marsha@epa.gov](mailto:morgan.marsha@epa.gov)>; Nichols, John <[Nichols.John@epa.gov](mailto:Nichols.John@epa.gov)>; Sara Lupton <[sara.lupton@ars.usda.gov](mailto:sara.lupton@ars.usda.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Smith, David J. <[david.j.smith@ars.usda.gov](mailto:david.j.smith@ars.usda.gov)>; Wetmore, Barbara <[wetmore.barbara@epa.gov](mailto:wetmore.barbara@epa.gov)>

**Subject:** USDA-EPA Collaboration

Good afternoon,

Many have you have responded with availability for August 7, 1:00 to 2:00 PM EDT. Thank you.

In anticipation of that meeting, I would like to suggest that individuals begin sharing ideas. In particular, it would be good for the USDA representatives to share their research needs and on the EPA side, we can begin sharing what we believe might be some approaches. Hopefully we can then meld those together during our call. At this point in the exercise, please do not worry about resources. I am going to assume that if we do a good job with problem formulation and identifying possible approaches to developing solutions, resources will be made available. This effort has been identified as high priority by both Agencies.

As a few examples:

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## Ex. 5 Deliberative Process (DP)

Rather than replying to all, I will suggest that you send your ideas to me. I will compile these and share them with the group on a weekly or bi-weekly basis up until the meeting.

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Ex. 6 Personal Privacy (PP)